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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	3	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	4	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	5	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	6	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	7	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	8	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	9	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	10	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	11	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	12	JUN 25	CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS	13	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	14	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	15	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	16	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	17	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	18	JUL 28	EPFULL enhanced with additional legal status information from the EPOline Register
NEWS	19	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	20	JUL 28	STN Viewer performance improved
NEWS	21	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	22	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	23	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	24	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	25	AUG 25	CA/CAPLUS, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS	26	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN      Welcome Banner and News Items  
NEWS IPC8      For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:00:32 ON 03 SEP 2008

=> FILE CASREACT

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.05	1.05

FILE 'CASREACT' ENTERED AT 12:03:44 ON 03 SEP 2008

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FILE CONTENT:1840 - 31 Aug 2008 VOL 149 ISS 10

New CAS Information Use Policies, enter HELP USAGETERMS for details.

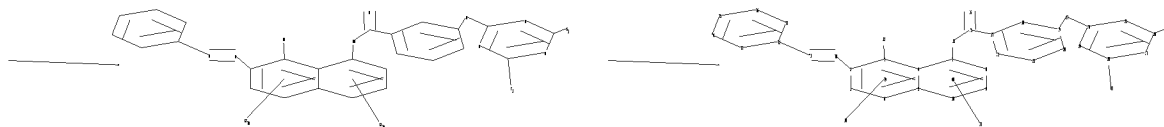
\*\*\*\*\*  
\* \* \* \* \*  
\* CASREACT now has more than 15.3 million reactions \*  
\* \* \* \* \*  
\*\*\*\*\*

CASREACT contains reactions from CAS and from: ZIC/VINITI database (1974-1999) provided by InfoChem; INPI data prior to 1986; Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich; organic reactions, portions copyright 1996-2006 John Wiley & Sons, Ltd., John Wiley and Sons, Inc., Organic Reactions Inc., and Organic Syntheses Inc. Reproduced under license. All Rights Reserved.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

Uploading C:\Program Files\Stnexp\Queries\10585231b.str



```

chain nodes :
11 12 13 14 15 16 23 30 31 42 43
ring nodes :
1 2 3 4 5 6 7 8 9 10 17 18 19 20 21 22 24 25 26 27 28 29 32
33 34 35 36 37
chain bonds :
2-30 3-12 7-11 11-15 15-16 15-17 19-23 23-24 26-42 28-43 30-31 31-32
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 17-18 17-22 18-19 19-20
20-21 21-22 24-25 24-29 25-26 26-27 27-28 28-29 32-33 32-37 33-34 34-35
35-36 36-37
exact/norm bonds :
2-30 3-12 7-11 11-15 15-16 19-23 23-24 26-42 28-43 30-31 31-32
exact bonds :
15-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 17-18 17-22 18-19 19-20
20-21 21-22 24-25 24-29 25-26 26-27 27-28 28-29 32-33 32-37 33-34 34-35
35-36 36-37
isolated ring systems :

```

containing 1 : 17 : 24 :

G1:S,N,OH

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom  
19:Atom 20:Atom 21:Atom 22:Atom 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom  
28:Atom 29:Atom 30:CLASS 31:CLASS 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom  
37:Atom 39:Atom 40:Atom 42:CLASS 43:CLASS  
fragments assigned product role:  
containing 1

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 12:04:15 FILE 'CASREACT'

SCREENING COMPLETE - 16 REACTIONS TO VERIFY FROM 5 DOCUMENTS

100.0% DONE 16 VERIFIED 2 HIT RXNS 1 DOCS

SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1 ( 2 REACTIONS)

=> d ibib abs fhit

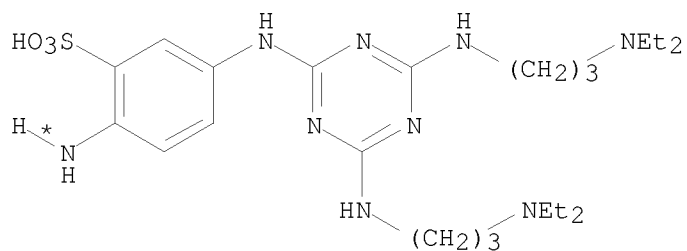
ACCESSION NUMBER: 108:152143 CASREACT  
 TITLE: Triazine-containing monoazo dyes for paper, leather, or textiles  
 INVENTOR(S): Pedrazzi, Reinhard  
 PATENT ASSIGNEE(S): Sandoz-Patent-G.m.b.H., Fed. Rep. Ger.  
 SOURCE: Ger. Offen., 24 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
DE 3717869	A1	19871210	DE 1987-3717869	19870527
CH 672923	A5	19900115	CH 1987-2083	19870602
FR 2599747	A1	19871211	FR 1987-7868	19870604
FR 2599747	B1	19881110		
JP 62292860	A	19871219	JP 1987-140126	19870605
JP 2525813	B2	19960821		
US 4875903	A	19891024	US 1987-58434	19870605
PRIORITY APPLN. INFO.:			DE 1986-3619198	19860607
GI				

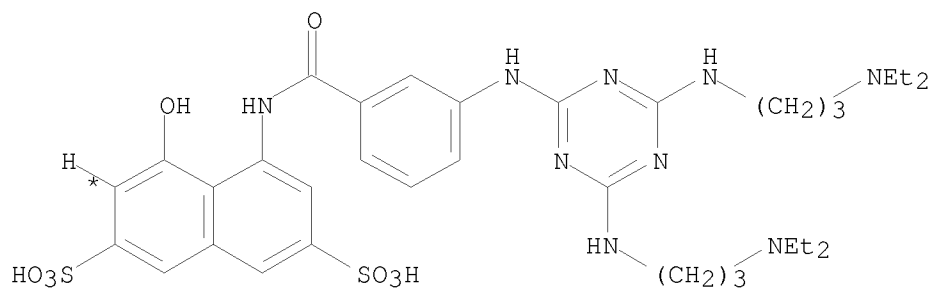
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The title compds. I [R1 = H, (un)substituted C1-4 alkyl; X1, X3 = halogen, OH, NH2, alkyl, alkoxy, Ph, PhO or X1, X2 = aliphatic, cycloaliph., aromatic, and heterocyclic amino all of which can form (quaternary) ammonium group; X2, X4 = aliphatic, cycloaliph., aromatic, and heterocyclic amino all of which can form (quaternary) ammonium group; m = 0, 1; n, p = 0, 1; such that n + p = 1 or 2], useful for the manufacture of inks, for the dyeing of glass or glass products, and for the dyeing or printing of paper, leather, or textile materials, are prepared Thus, 2,4-bis[3-(N,N-diethylamino)propylamino]-6-chlorotriazine (II) was condensed with 1,4-diamino-2-benzenesulfonic acid, the intermediate diazotized and coupled with the condensate formed from II and 1-(3-aminobenzoylamino)-8-hydroxy-3,6-naphthalenedisulfonic acid, forming III, which dyed paper in a brilliant, fast violet shade.

RX(2) OF 3 ...D + C ==> E



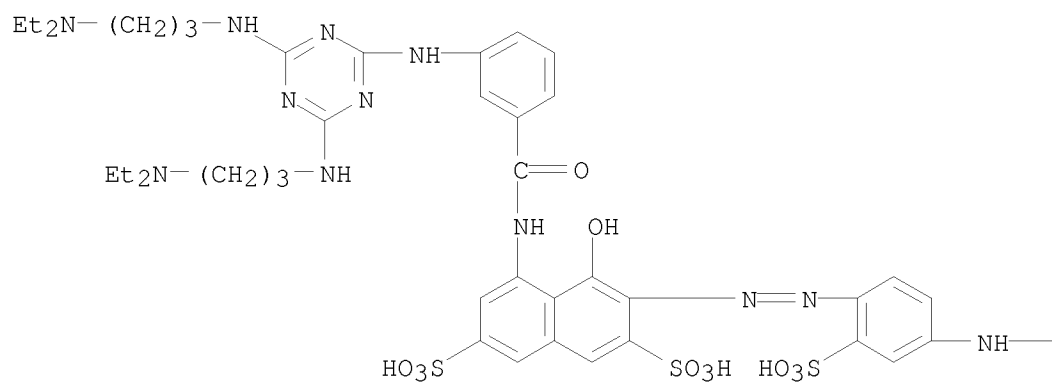
D



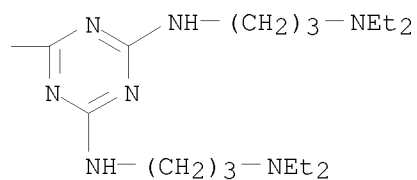
C

(2)  $\longrightarrow$

PAGE 1-A



PAGE 1-B



E

RX(2) RCT D 113700-97-3, C 113700-98-4  
PRO E 113722-68-2



=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

123.48

124.53

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.75

-0.75

STN INTERNATIONAL LOGOFF AT 12:04:56 ON 03 SEP 2008